Eco Breeze

Draws the Cool Air in & Blows the Hot air out

Owners Manual Contents

	Page
The Eco Breeze Difference	**1**
Important Safety Instructions	**2**
Parts	**3**
Installation Guide	**4**
Operating Instructions	**6**
Maintenance Instructions/Warranty Information	**8**

A product by Nature's Cooling Solutions

When spring, summer and fall tend to be warm during the day and cooler in the evenings and nighttime, use Eco Breeze to cool your home naturally with healthy fresh air. Designed to run stand alone or complementing air conditioning systems by monitoring inside and outside temperature and humidity.

U.S. Patent Pending No. 12/540,080

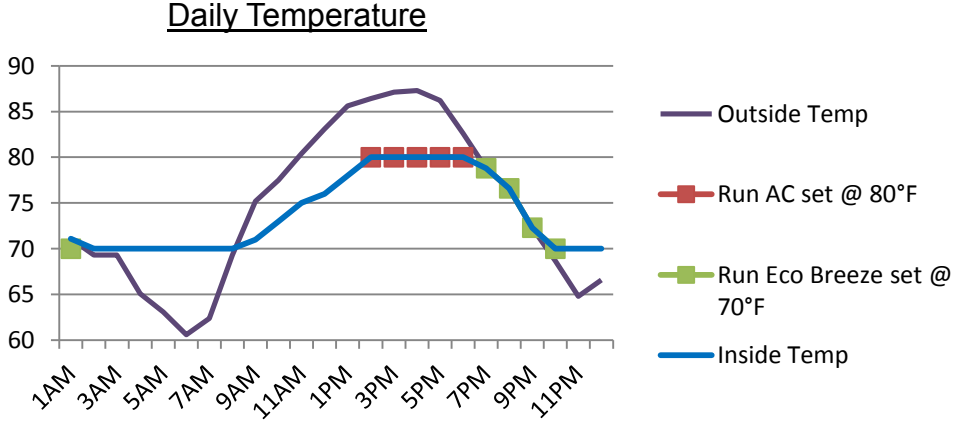
Revision September 2011

Eco Breeze EB-001

Use Fresh Outside air to cool your home

By drawing cool air in & Blowing hot air out!

- Economical - Dramatically reduces or eliminates air conditioning electrical cost
  - ✓ Temperature controls for comfort setting
  - ✓ Humidity control prevents overloading of air conditioner
  - ✓ Running stand alone or complementing air conditioning systems
  - ✓ Takes advantage of nature's 20°F daily temperature drop
- Ecological - Dramatic energy reduction
- Healthy – Uses fresh outside air to cool
- Convenience - Installs seasonally if desired
  - ✓ Minimum air leakage during use of air conditioning or high outdoor temperatures
  - ✓ Prevent water damage from rain
- Simple to Operate - Automatically optimizes use of outdoor air for cooing
- Dual Tangential Blowers
  - ✓ Vertically arranged intake and exhaust
- Attractive unit with a low profile to minimize view loss and minimum noise levels



Eco Breeze EB-001
IMPORTANT SAFETY INSTRUCTIONS

READ BEFORE USE

Always use basic precautions to reduce the risk of fire, electric shock, and injury to persons, including the following:

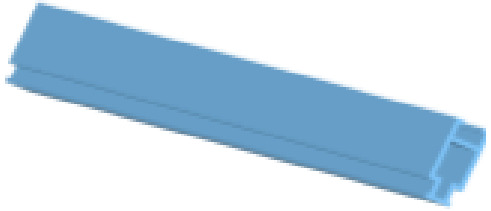
1. Use Eco Breeze only as described in this manual. Other use may cause fire, electric shock or injury to persons.
2. This product is intended for household use ONLY and not for commercial, industrial or outdoor use.
3. To protect against electric shock, DO NOT immerse unit, plug or cord in water or spray with liquids.
4. This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of shock, this plug is intended to fit only one way in a polarized outlet. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. DO NOT attempt to defeat this safety feature.
5. Close supervision is necessary when any appliance is used by or near children.
6. Turn the fan to the OFF position and unplug the fan from the outlet when not in use, when moving the fan from one location to another and before cleaning.
7. To disconnect the fan, first turn control to the OFF position, grip the plug and pull it from the wall outlet. Never pull by the cord.
8. Do not operate the fan in the presence of explosive and/or flammable fumes.
9. Do not place the fan or any parts near an open flame, cooking or other heating appliance.
10. Do not operate the fan with a damaged cord or plug or if the product malfunctions, is dropped or damaged in any manner (see warranty).
11. Avoid contact with moving fan parts.
12. The use of attachments not recommended by the manufacturer may be hazardous.
13. Place the fan on a dry level surface.
16. A loose fit between the AC outlet (receptacle) and plug may cause overheating and a distortion of the plug. Contact a qualified electrician to replace loose or worn outlet.

WARNING: To reduce the risk of fire or electric shock, do not use this cool pump with any solid-state speed control device.

Eco Breeze EB-001
PARTS

Feel the
Eco Breeze Difference

1. Removable Side Panels (XX)

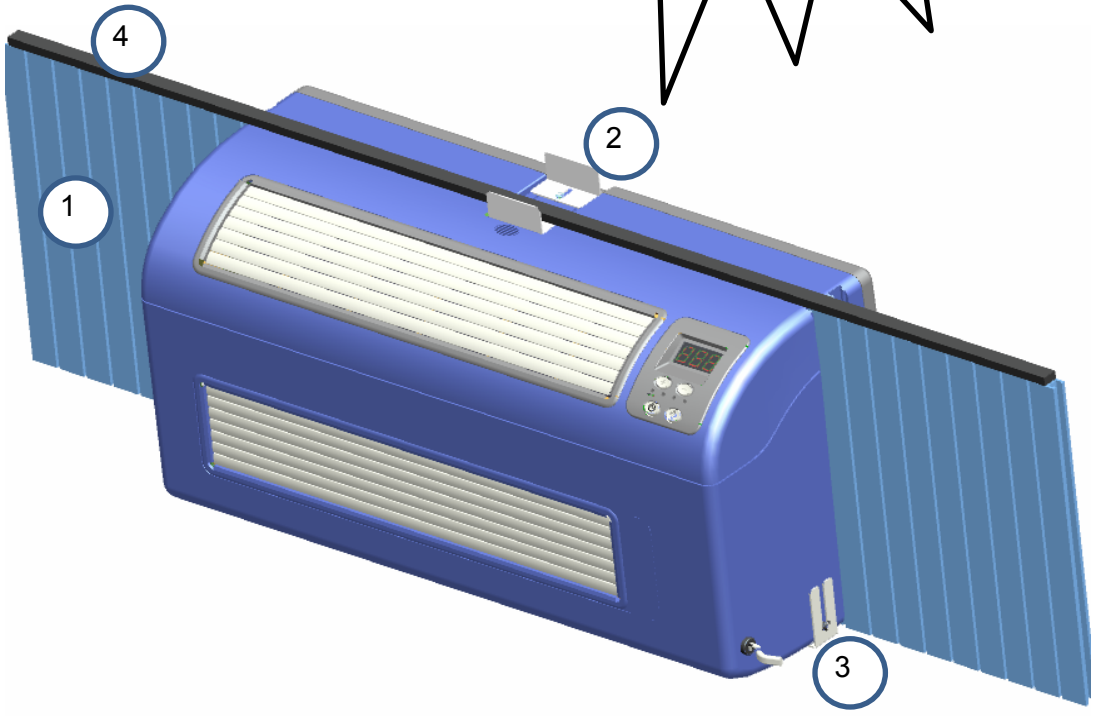


2. Top Bracket (2)

3. Side Bracket (2)

4. Water Sealing Tape (1)

5. Screws 1” Machine Screws (2)
   3/8” Machine screws (2)
   3/8’ Wood Screw (2)



Eco Breeze EB-001
INSTALLATION GUIDE

READ BEFORE USE

Your Eco Breeze comes fully assembled and ready for installation. Your Eco Breeze has been designed to fit a double hung window, with openings between 22 and 36 inches wide x 22 inches high (56cm to 92cmX 56cm).

1. **Leave your screen in the window when the Eco Breeze is operating.**
2. **Open your window at least 22" high (56cm).**
3. **Turn the Eco Breeze so that the front faces inside. With the power cord hanging inside your room, position the lower edge of the Eco Breeze in the window. Slide the Eco Breeze forward or backward to align a set of removable side panel guides on the side of the Eco Breeze with the window guide (the front set of guides is preferred).**
4. **Insert removable side panels in the Eco Breeze to build out to the width of the window opening . For Spaces less than a side panel piece wide the side panels can expand like an accordion.**
5. **Install the water sealing tape across the top of side panels and unit,**
6. **Lower the window to the top of the Eco Breeze. Note the position on the top of the Eco Breeze. Open the window and install the top brackets using the 3/8 inch machine screws (the short screws) so the window is seated between the top window brackets protruding from the top of the Eco Breeze.**
   <u>WARNING</u>: To prevent personal injury and/or damage to the fan, never lean or push on Eco Breeze while it is sealed in the window or during operation. Do not lift the window while the Eco Breeze is operating. Be sure that the Eco Breeze is fully secured in the window at all times.
7. **Install side brackets using the screw holes on the bottom of the sides with 1 inch machine screws. Screw the bottom of the bracket into the window opening with 3/8 inch wood screws.**

Eco Breeze EB-001

Eco Breeze Sealing

1. **The packaging is designed so it can be used during the installation to seal the window. The flat front or top packaging can be cut with scissors or a razor knife to fit the specific dimension of the installation. Follow the manufacturer's directions if using a razor knife.**
2. **Measure the window width to the inside of the bottom window track. Install the sliding side panels on the unit to the maximum number of panels without exceeding the width. The packaging can be cut to fill the remaining width and attached with tape to the outward facing side of the panel. Slide 1.**
3. **Measure the depth from the window sill to the bottom position of the window. Cut a strip of packing to this depth and install. Slide 2. Note the packaging will compress when the unit is installed providing a tight seal.**
4. **Install the Eco Breeze in the window. Seal the gap between the lower and upper window pane with packaging. The strips should be cut approximately a ¼" wider than the gap so it fits snuggly in the space.**

Slide 1

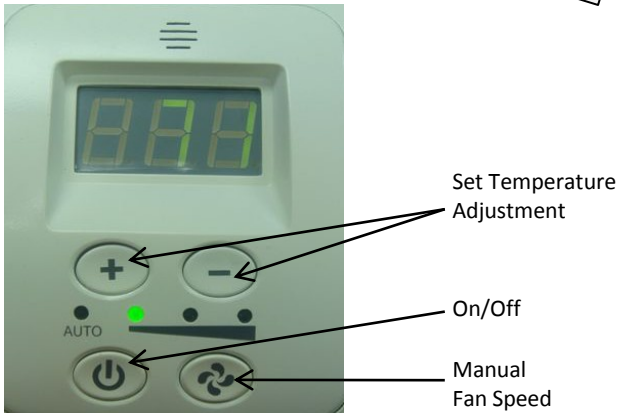
Slide 2

Slide 3

Eco Breeze EB-001
OPERATING INSTRUCTIONS

READ BEFORE USE

Your Eco Breeze has two modes of operation: automatic and manual.
Turn the Eco Breeze on with the off/on button.
When Eco Breeze is first plugged in the set temperature displays for 5 seconds, after the 5 seconds the indoor temperature is always displayed Unless changing the set temperature. Outdoor temperature is monitored but not displayed.



Set Temperature when your indoor temperature cools to the set temperature Eco Breeze will turn fans off and close louvers. The default set temperature setting is 70 degrees Fahrenheit To adjust the set temperature use the + and - keys. When the temperature adjustment buttons are pressed, the set temperature will display.

Manual Mode Using the manual Eco Breeze speed button you can cycle through operation options in the following sequence:
automatic, low fan speed, medium fan speed, high fan speed, medium fan speed, low fan speed, automatic.

Eco Breeze EB-001
OPERATING INSTRUCTIONS
Auto Mode

READ BEFORE USE

Automatic Mode Eco Breeze continuity monitors indoor and outdoor heat and humidity with sensors. Eco Breeze will turn the fans on and open louvers only when it cooler and dryer outside than inside. When your indoor temperature cools to the set temperature Eco Breeze will turn the fans off and close the louvers. Eco Breeze will not turn fans on when the room temperature is below the set temperature.

If the fans are operating or the indoor temperature is less than the set temperature, the left space will be blank.

If the outside temperature is higher than the inside temperature a " ├ "will display in the left character space.

If the outdoor temperature is less than indoor temperature but the outside humidity is greater than inside humidity an "h" will display in the left character space.

Sit back and enjoy!

Eco Breeze 0B-001
MAINTENANCE AND CLEANING
WARRANTY INFORMATION

READ BEFORE USE

MAINTENANCE AND CLEANING

- **Turn Eco Breeze off and unplug the unit before cleaning. Use only a soft, damp cloth to gently wipe the unit clean.**
- **DO NOT immerse the Eco Breeze in water and never allow water to enter the Eco Breeze.**
- **DO NOT use gasoline, paint thinner or other chemicals to clean the Eco Breeze.**
- **For storage, clean the Eco Breeze as instructed and store it in its original box. Or, cover with plastic to protect it from dust. Store your Eco Breeze in a clean, dry place.**

NOTE: IF YOU EXPERIENCE A PROBLEM, PLEASE RETURN THE Eco Breeze TO THE ORIGINAL PLACE OF PURCHASE OR SEE YOUR WARRANTY. DO NOT ATTEMPT TO OPEN THE MOTOR HOUSING YOURSELF. DOING SO MAY VOID YOUR WARRANTY AND CAUSE DAMAGE TO THE Eco Breeze OR PERSONAL INJURY.

WARRANTY

A. This 90 day limited warranty applies to repair or replacement of product found to be defective in material or workmanship. This warranty does not apply to damage resulting from commercial, abusive, unreasonable use or supplemental damage. Defects that are the result of normal wear and tear will not be considered manufacturing defects under this warranty.

NATURE'S COOLING SOLUTIONS IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you also may have other rights which vary from jurisdiction to jurisdiction.

This warranty applies only to the original purchaser of this product from the original date of purchase.

B. At its option, Nature's Cooling Solutions will repair or replace this product if it is found to be defective in material or workmanship. Defective product should be returned to the place of purchase in accordance with store policy. Thereafter, while within the warranty period defective product may be returned to Nature's Cooling Solutions.

Thank you for your purchase. ***Eco Breeze*** is a product of Nature's Cooling Solutions.
If you have any questions regarding this product, please call, email or write the Customer Service Department below.
Please be sure to specify model number.

NATURE'S COOLING SOLUTIONS

Tel: (877)565-1457

Customer Service Department
4881 N Calle Bujia
Tucson, AZ 85718

Website: www.naturescoolingsolutions.com
Email: naturescoolingsolutions@gmail.com